

PATENT APPLICATION FEE DETERMINATION RECORD  
Effective October 1, 2003

Application or Docket Number

7077833  
71212

CLAIMS AS FILED - PART I

(Column 1) (Column 2)

|                                  |              |                          |
|----------------------------------|--------------|--------------------------|
| TOTAL CLAIMS                     | 14           |                          |
| FOR                              | NUMBER FILED | NUMBER EXTRA             |
| TOTAL CHARGEABLE CLAIMS          | 14 minus 20= | * 0                      |
| INDEPENDENT CLAIMS               | 2 minus 3 =  | * 0                      |
| MULTIPLE DEPENDENT CLAIM PRESENT |              | <input type="checkbox"/> |

\* If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

12/15/03

| AMENDMENT A                                    | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT |       | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR | PRESENT<br>EXTRA         |
|--|---|-------|---|--------------------------|
| Total  | * 20                                      | Minus | ** 20                                       | =                        |
| Independent                                    | * 3                                       | Minus | *** 3                                       | =                        |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM |   |       |   | <input type="checkbox"/> |

SMALL ENTITY  
TYPE  OR OTHER THAN  
SMALL ENTITY

|           |        |              |        |
|-----------|--------|--------------|--------|
| RATE      | FEES   | RATE         | FEES   |
| BASIC FEE | 385.00 | OR BASIC FEE | 770.00 |
| X\$ 9=    |        | OR X\$18=    |        |
| X43=      |        | OR X86=      |        |
| +145=     |        | OR +290=     |        |
| TOTAL     |        | OR TOTAL     | 770    |

OTHER THAN  
SMALL ENTITY OR SMALL ENTITY

|                            |                        |                               |                        |
|----------------------------|------------------------|-------------------------------|------------------------|
| RATE                       | ADDI-<br>TIONAL<br>FEE | RATE                          | ADDI-<br>TIONAL<br>FEE |
| X\$ 9=                     |                        | OR X\$18=                     |                        |
| X43=                       |                        | OR X86=                       |                        |
| +145=                      |                        | OR +290=                      |                        |
| TOTAL<br>ADDITIONAL<br>FEE |                        | OR TOTAL<br>ADDITIONAL<br>FEE |                        |

|                            |                        |                               |                        |
|----------------------------|------------------------|-------------------------------|------------------------|
| RATE                       | ADDI-<br>TIONAL<br>FEE | RATE                          | ADDI-<br>TIONAL<br>FEE |
| X\$ 9=                     |                        | OR X\$18=                     |                        |
| X43=                       |                        | OR X86=                       |                        |
| +145=                      |                        | OR +290=                      |                        |
| TOTAL<br>ADDITIONAL<br>FEE |                        | OR TOTAL<br>ADDITIONAL<br>FEE |                        |

|                            |                        |                               |                        |
|----------------------------|------------------------|-------------------------------|------------------------|
| RATE                       | ADDI-<br>TIONAL<br>FEE | RATE                          | ADDI-<br>TIONAL<br>FEE |
| X\$ 9=                     |                        | OR X\$18=                     |                        |
| X43=                       |                        | OR X86=                       |                        |
| +145=                      |                        | OR +290=                      |                        |
| TOTAL<br>ADDITIONAL<br>FEE |                        | OR TOTAL<br>ADDITIONAL<br>FEE |                        |

|                            |                        |                               |                        |
|----------------------------|------------------------|-------------------------------|------------------------|
| RATE                       | ADDI-<br>TIONAL<br>FEE | RATE                          | ADDI-<br>TIONAL<br>FEE |
| X\$ 9=                     |                        | OR X\$18=                     |                        |
| X43=                       |                        | OR X86=                       |                        |
| +145=                      |                        | OR +290=                      |                        |
| TOTAL<br>ADDITIONAL<br>FEE |                        | OR TOTAL<br>ADDITIONAL<br>FEE |                        |

|                            |                        |                               |                        |
|----------------------------|------------------------|-------------------------------|------------------------|
| RATE                       | ADDI-<br>TIONAL<br>FEE | RATE                          | ADDI-<br>TIONAL<br>FEE |
| X\$ 9=                     |                        | OR X\$18=                     |                        |
| X43=                       |                        | OR X86=                       |                        |
| +145=                      |                        | OR +290=                      |                        |
| TOTAL<br>ADDITIONAL<br>FEE |                        | OR TOTAL<br>ADDITIONAL<br>FEE |                        |

(Column 1) (Column 2) (Column 3)

| AMENDMENT C                                    | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT |       | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR | PRESENT<br>EXTRA         |
|--|---|-------|---|--------------------------|
| Total  | * 0                                       | Minus | ** 0  | =                        |
| Independent                                    | * 0                                       | Minus | *** 0                                       | =                        |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM |   |       |   | <input type="checkbox"/> |

|                            |                        |                               |                        |
|----------------------------|------------------------|-------------------------------|------------------------|
| RATE                       | ADDI-<br>TIONAL<br>FEE | RATE                          | ADDI-<br>TIONAL<br>FEE |
| X\$ 9=                     |                        | OR X\$18=                     |                        |
| X43=                       |                        | OR X86=                       |                        |
| +145=                      |                        | OR +290=                      |                        |
| TOTAL<br>ADDITIONAL<br>FEE |                        | OR TOTAL<br>ADDITIONAL<br>FEE |                        |

|                            |                        |                               |                        |
|----------------------------|------------------------|-------------------------------|------------------------|
| RATE                       | ADDI-<br>TIONAL<br>FEE | RATE                          | ADDI-<br>TIONAL<br>FEE |
| X\$ 9=                     |                        | OR X\$18=                     |                        |
| X43=                       |                        | OR X86=                       |                        |
| +145=                      |                        | OR +290=                      |                        |
| TOTAL<br>ADDITIONAL<br>FEE |                        | OR TOTAL<br>ADDITIONAL<br>FEE |                        |

|                            |                        |                               |                        |
|----------------------------|------------------------|-------------------------------|------------------------|
| RATE                       | ADDI-<br>TIONAL<br>FEE | RATE                          | ADDI-<br>TIONAL<br>FEE |
| X\$ 9=                     |                        | OR X\$18=                     |                        |
| X43=                       |                        | OR X86=                       |                        |
| +145=                      |                        | OR +290=                      |                        |
| TOTAL<br>ADDITIONAL<br>FEE |                        | OR TOTAL<br>ADDITIONAL<br>FEE |                        |

|                            |                        |                               |                        |
|----------------------------|------------------------|-------------------------------|------------------------|
| RATE                       | ADDI-<br>TIONAL<br>FEE | RATE                          | ADDI-<br>TIONAL<br>FEE |
| X\$ 9=                     |                        | OR X\$18=                     |                        |
| X43=                       |                        | OR X86=                       |                        |
| +145=                      |                        | OR +290=                      |                        |
| TOTAL<br>ADDITIONAL<br>FEE |                        | OR TOTAL<br>ADDITIONAL<br>FEE |                        |

|                            |                        |                               |                        |
|----------------------------|------------------------|-------------------------------|------------------------|
| RATE                       | ADDI-<br>TIONAL<br>FEE | RATE                          | ADDI-<br>TIONAL<br>FEE |
| X\$ 9=                     |                        | OR X\$18=                     |                        |
| X43=                       |                        | OR X86=                       |                        |
| +145=                      |                        | OR +290=                      |                        |
| TOTAL<br>ADDITIONAL<br>FEE |                        | OR TOTAL<br>ADDITIONAL<br>FEE |                        |

|                            |                        |                               |                        |
|----------------------------|------------------------|-------------------------------|------------------------|
| RATE                       | ADDI-<br>TIONAL<br>FEE | RATE                          | ADDI-<br>TIONAL<br>FEE |
| X\$ 9=                     |                        | OR X\$18=                     |                        |
| X43=                       |                        | OR X86=                       |                        |
| +145=                      |                        | OR +290=                      |                        |
| TOTAL<br>ADDITIONAL<br>FEE |                        | OR TOTAL<br>ADDITIONAL<br>FEE |                        |

|                            |                        |                               |                        |
|----------------------------|------------------------|-------------------------------|------------------------|
| RATE                       | ADDI-<br>TIONAL<br>FEE | RATE                          | ADDI-<br>TIONAL<br>FEE |
| X\$ 9=                     |                        | OR X\$18=                     |                        |
| X43=                       |                        | OR X86=                       |                        |
| +145=                      |                        | OR +290=                      |                        |
| TOTAL<br>ADDITIONAL<br>FEE |                        | OR TOTAL<br>ADDITIONAL<br>FEE |                        |

|                            |                        |                               |                        |
|----------------------------|------------------------|-------------------------------|------------------------|
| RATE                       | ADDI-<br>TIONAL<br>FEE | RATE                          | ADDI-<br>TIONAL<br>FEE |
| X\$ 9=                     |                        | OR X\$18=                     |                        |
| X43=                       |                        | OR X86=                       |                        |
| +145=                      |                        | OR +290=                      |                        |
| TOTAL<br>ADDITIONAL<br>FEE |                        | OR TOTAL<br>ADDITIONAL<br>FEE |                        |

|                            |                        |                               |                        |
|----------------------------|------------------------|-------------------------------|------------------------|
| RATE                       | ADDI-<br>TIONAL<br>FEE | RATE                          | ADDI-<br>TIONAL<br>FEE |
| X\$ 9=                     |                        | OR X\$18=                     |                        |
| X43=                       |                        | OR X86=                       |                        |
| +145=                      |                        | OR +290=                      |                        |
| TOTAL<br>ADDITIONAL<br>FEE |                        | OR TOTAL<br>ADDITIONAL<br>FEE |                        |

|                            |                        |                               |                        |
|----------------------------|------------------------|-------------------------------|------------------------|
| RATE                       | ADDI-<br>TIONAL<br>FEE | RATE                          | ADDI-<br>TIONAL<br>FEE |
| X\$ 9=                     |                        | OR X\$18=                     |                        |
| X43=                       |                        | OR X86=                       |                        |
| +145=                      |                        | OR +290=                      |                        |
| TOTAL<br>ADDITIONAL<br>FEE |                        | OR TOTAL<br>ADDITIONAL<br>FEE |                        |

|                            |                        |                               |                        |
|----------------------------|------------------------|-------------------------------|------------------------|
| RATE                       | ADDI-<br>TIONAL<br>FEE | RATE                          | ADDI-<br>TIONAL<br>FEE |
| X\$ 9=                     |                        | OR X\$18=                     |                        |
| X43=                       |                        | OR X86=                       |                        |
| +145=                      |                        | OR +290=                      |                        |
| TOTAL<br>ADDITIONAL<br>FEE |                        | OR TOTAL<br>ADDITIONAL<br>FEE |                        |

|                            |                        |                               |                        |
|----------------------------|------------------------|-------------------------------|------------------------|
| RATE                       | ADDI-<br>TIONAL<br>FEE | RATE                          | ADDI-<br>TIONAL<br>FEE |
| X\$ 9=                     |                        | OR X\$18=                     |                        |
| X43=                       |                        | OR X86=                       |                        |
| +145=                      |                        | OR +290=                      |                        |
| TOTAL<br>ADDITIONAL<br>FEE |                        | OR TOTAL<br>ADDITIONAL<br>FEE |                        |

|                            |                        |                               |                        |
|----------------------------|------------------------|-------------------------------|------------------------|
| RATE                       | ADDI-<br>TIONAL<br>FEE | RATE                          | ADDI-<br>TIONAL<br>FEE |
| X\$ 9=                     |                        | OR X\$18=                     |                        |
| X43=                       |                        | OR X86=                       |                        |
| +145=                      |                        | OR +290=                      |                        |
| TOTAL<br>ADDITIONAL<br>FEE |                        | OR TOTAL<br>ADDITIONAL<br>FEE |                        |

|                            |                        |                               |                        |
|----------------------------|------------------------|-------------------------------|------------------------|
| RATE                       | ADDI-<br>TIONAL<br>FEE | RATE                          | ADDI-<br>TIONAL<br>FEE |
| X\$ 9=                     |                        | OR X\$18=                     |                        |
| X43=                       |                        | OR X86=                       |                        |
| +145=                      |                        | OR +290=                      |                        |
| TOTAL<br>ADDITIONAL<br>FEE |                        | OR TOTAL<br>ADDITIONAL<br>FEE |                        |

|        |                        |           |                        |
|--------|------------------------|-----------|------------------------|
| RATE   | ADDI-<br>TIONAL<br>FEE | RATE      | ADDI-<br>TIONAL<br>FEE |
| X\$ 9= |                        | OR X\$18= |                        |
| X43=   |                        | OR X86=   |                        |